



USPTO Form 1449 U.S. Department of Commerce  
Patent and Trademark Office

**INFORMATION DISCLOSURE  
CITATION**

Attorney Docket No.  
04859.00006

Serial No.  
09/668,144

Sheet 5 of 7

Applicant(s): **Jonnie R. WILLIAMS**

Filing Date: **9/25/00**

Group: **1731**

**U.S. PATENT DOCUMENTS**

Examiner Initial	Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)

NONE

**FOREIGN PATENT DOCUMENTS**

Examiner Initial	Document No.	Date	Country	Class	Subclass	Translation	
						YES	NO

NONE

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)**

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EXAMINER

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<i>MPK</i>	R.A. Andersen et al., "Effects of Air-Curing Environment on Alkaloid-Derived Nitrosamines in Burley Tobacco", U.S. Department of Agriculture and College of Agriculture, University of Kentucky, Lexington, KY, pp. 451-455.
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<b>MPC</b>	Information Bulletin, Cooperation Centre for Scientific Research Relative to Tobacco (CORESTA), 1991-2, Abstr.-Ref. 6210-6646.
<b>MPC</b>	Letter from Paul L. Perito to Dr. Bertold Spiegelhalder dated April 2, 2001.
<b>MPC</b>	Email communication from Dr. Bertold Spiegelhalder to Paul L. Perito dated 5/31/01
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<i>MPZ</i>	4,156,431	5/29/79	Epstein et al.	—	—	
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<i>MPZ</i>	5,018,281	5/28/91	Bulluck, Jr.	—	—	
<i>MPZ</i>	3,937,227	2/10/76	Azumano	—	—	
<i>MPZ</i>	4,114,288	9/19/78	Fowler	—	—	
<i>MPZ</i>	4,192,323	3/11/80	Horne	—	—	
<i>MPZ</i>	4,206,554	6/10/80	Fowler	—	—	
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<i>MPZ</i>	4,424,024	1/3/84	Wilson et al.	—	—	
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**FOREIGN PATENT DOCUMENTS**

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<i>MPZ</i>	1026186	2/14/78	Canada	—	—	

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<b>MPK</b>	H.R. Burton et al., "Changes in Chemical Composition of Burley Tobacco during Senescence and Curing. 3. Tobacco-Specific Nitrosamines", J. Agric. Food Chem., 1989, 37, pp. 426-430.
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<b>MPK</b>	K. Brunnemann et al., "Analytical Studies on Tobacco-Specific N-Nitrosamines in Tobacco and Tobacco Smoke", Toxicology, Naylor Dana Institute for Disease Prevention, 1991, Vol. 2, Issued, 235-240.
<b>MPK</b>	K. Brunnemann et al., "Role of Tobacco Stems in the Formation of N-Nitrosamines in Tobacco and Cigarette Mainstream and Sidestream Smoke", 1983 American Chemical society, J. Agric. Food Chem., Vol. 31, No. 6, 1221-1224.
<b>MPK</b>	D. Hoffmann et al., "Carcinogenic Tobacco-specific N-Nitrosamines in Snuff and in the Saliva of Snuff Dippers", Cancer Research 1981, 43, 4305-4308.

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MPK	S. Hecht et al., "Tobacco-Specific Nitrosamines: Formation From Nicotine in Vitro and During Tobacco Curing and Carcinogenicity in Strain A Mice", J. Natl. Cancer Inst., 1978, Vol. 60, No. 4, 819-824.
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MPK	S. Fischer et al., "Exposure to Tobacco specific nitrosamines by the different habits of tobacco use, examination of transfer rates and the influence of smoking habits."
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Sheet 4 of 7		Applicant(s): <b>Jonnie R. WILLIAMS</b>			Filing Date: <b>9/2500</b>
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			<b>NONE</b>		
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			<b>NONE</b>		
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MPK	4,805,642	2/21/1989	Rainer	1	1	
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MPK	4,685,478	8/11/1987	Malik et al.	1	1	
MPK	4,566,469	1/28/1986	Semp et al.	1	1	
MPK	4,559,956	12/24/1985	De Lange et al.	1	1	
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MPK	4,364,401	12/21/1982	Keritsis	1	1	
MPK	4,301,817	11/24/1981	Keritsis	1	1	
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MPK	3,202,157	8/24/1965	R.D. Touton	1	1	
MPK	3,039,475	6/19/1962	Neukomm et al.	1	1	

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## FOREIGN PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Country	Class	Subclass	English Abstract
						YES NO
MPK	DE 3904169A1	8/16/1990	Germany	1	1	X

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<i>MPK</i>		W.J. Chamberlain et al., <i>Effects of Curing and Fertilization on Nitrosamine Formation in Bright and Burley Tobacco</i> , Phytochemical Research Unit, USDA, Agricultural Research Service, Beitrage zur Tabakforschung International, Vol. 15, No. 2, April 1992.					
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<i>MPK</i>		Q. Qungang, <i>Changes In Tobacco-Specific Nitrosamines, Alkaloids, Nitrate, Nitrite and Lamina Leachate Conductivity of Dark Tobacco During Curing</i> , Bulletin d'Information - Coresta, (1991) No. 2, pp. 7-22.					
<i>MPK</i>		C. Mingwu, <i>The Source and the Regulation of Nitrogen Oxide Production for Tobacco-Specific Nitrosamine Formation During Air-Curing</i> , University of Kentucky, Lexington, (1998) 178pp. Avail., UMI, Order No. DA9907718 From: Diss. Abstr. Int., B 1999, 59(9), 4548 Dissertation.					
<i>MPK</i>		W.J. Chamberlain et al., <i>Levels of N-nitrosonornicotine in Tobaccos Grown Under Varying Agronomic Conditions</i> , Tobacco International, (1984) Vol. 186, No. 26, pp. 111-113.					
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## U.S. PATENT DOCUMENTS

Examiner Initial	Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
<i>MPK</i>	5,139,035	08/18/1992	Lasch et al.	—	—	
<i>MPK</i>	3,785,384	01/15/1974	Sylvester et al.	—	—	
<i>MPK</i>	4,756,317	07/12/1988	Edwards	—	—	
<i>MPK</i>	4,430,806	02/14/1984	Hopkins	—	—	
<i>MPK</i>	3,699,976	10/1972	Abe et al.	—	—	
<i>MPK</i>	3,773,055	11/1973	Sturgis et al.	—	—	
<i>MPK</i>	3,877,468	4/1975	Lichtneckert et al.	—	—	
<i>MPK</i>	3,901,248	8/1975	Lichtneckert et al.	—	—	

## FOREIGN PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Country	Class	Subclass	Translation	
						YES	NO
<i>MPK</i>	1,484,663	02/14/1975	England	—	—	X	
<i>MPK</i>	WO 94/07382	04/14/1994	PCT	—	—	X	
<i>MPK</i>	GB 2 064 294 A	06/17/1981	Great Britain	—	—	X	
<i>MPK</i>	706,052	03/24/1954	England	—	—	X	
<i>MPK</i>	1,767,677	6/1968	Germany	—	—		X

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

<i>MPK</i>	H. R. Burton et al., "Influence of Temperature and Humidity on the Accumulation of Tobacco-Specific Nitrosamines in Stored Burley Tobacco", J. Agric. Food Chem., 1989, 37, pp. 1372-1377		
<i>MPK</i>	Abstract, "Treatment of Organic Materials", Research Disclosure, No. 29139, July 1988, XP000054259, New York, NY		
<i>MPK</i>	Search Report from EP 97 93 8069 dated October 14, 1999		
EXAMINER	<i>Michael Colaneri</i>	DATE CONSIDERED	<i>9/6/01</i>

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

\*\*Copies of references not provided at the time of this submission.

Attorney Docket No.  
04859.00006

Serial No.

INFORMATION DISCLOSURE  
CITATION

Applicant(s): Jonnie R. WILLIAMS

~~Not Assigned~~

09/06/81/44

Sheet 5 of 6

Filing Date: Herewith

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Examiner Initial	Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
MPZ	4,317,837	3/1982	Kehoe et al.	—	—	
MPZ	4,430,806	2/1986	Hopkins	—	—	
MPZ	4,802,498	2/1989	Ogren	—	—	
MPZ	4,821,747	4/1989	Stuhl et al.	—	—	
MPZ	4,874,000	10/1989	Tanol et al.	—	—	
MPZ	4,898,189	2/1990	Wochnowski	—	—	
MPZ	5,488,962	2/1996	Perfetti	—	—	
MPZ	2,758,603	8/1956	Heljo	—	—	
MPZ	3,394,709	7/1968	Remer	—	—	
MPZ	3,494,723	2/1970	Gray	—	—	
MPZ	3,494,724	2/1970	Gray	—	—	
MPZ	3,845,774	11/1974	Tso et al.	—	—	
MPZ	4,790,335	12/1988	Marley et al.	—	—	

## FOREIGN PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Country	Class	Subclass	Translation	
						YES	NO
		None					

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

MPZ	Declaration of Harold R. Burton, Ph.D. with Exhibits A-H as follows.
MPZ	(A) Data from QD, FD, MW Sample Testing/1993 Study
MPZ	(B) Data from QD and FD Sample Testing/1994 Study
MPZ	(C) Progress Report/Undated

EXAMINER

Michael Colan

DATE CONSIDERED

9/6/01

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USPTO Form 1449  <b>INFORMATION DISCLOSURE CITATION</b>  Sheet 6 of 6		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No. <b>04859.00006</b>		Serial No. <del>Not Assigned</del>	
Applicant(s): <b>Jonnie R. WILLIAMS</b>				<i>09/608/144</i>			
Filing Date: Herewith						Group: 1731	

  

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Examiner Initial	Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
<i>WPC</i>	3,870,053	3/1975	Heitkamp et al.	—	—	
<i>WPC</i>	4,559,956	12/1985	De Lange et al.	—	—	
<i>WPC</i>	4,355,648	10/1982	Bokleman et al.	—	—	
<i>WPC</i>	5,810,020	09/1998	Northway et al.	—	—	
<i>WPC</i>	4,620,556	11/1986	Rosson et al.	—	—	
<i>WPC</i>	5,372,149	12/1994	Roth et al.	—	—	
<i>WPC</i>	5,803,081	09/1998	O'Donnell, Jr. et al.	—	—	
<i>WPC</i>	4,590,954	05/1986	Gooden	—	—	
<i>WPC</i>	1,017,713	02/1912	Vaughan	—	—	
<i>WPC</i>	2,124,012	07/1938	Smith, Jr.	—	—	

  

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Examiner Initial	Document No.	Date	Country	Class	Subclass	Translation	
						YES	NO
—	—	—	<i>NONE</i>	—	—	—	—

  

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)	
<i>WPC</i>	(D) CORESTA Conference, Agronomy & Phytopathology Joint Meeting, Reunion Commune Des Groupes Agronomie Et Phytopathologie/Abstracts, Oxford 1995 (see Abstract on page 5 - Burton et al.)
<i>WPC</i>	(E) Overheads from 1995 CORESTA conference presentation by Burton, 1993 Study
<i>WPC</i>	(F) Overheads from 1995 CORESTA conference presentation by Burton, 1994 Study
<i>WPC</i>	(G) Wiernik et al., Effect of Air-Curing On The Chemical Composition of Tobacco/1995
<i>WPC</i>	(H) Burton letter to Jonnie R. Williams
<i>WPC</i>	International Search Report from PCT/US99/20909 dated December 23, 1999

  

EXAMINER <i>Michael Calan...</i>	DATE CONSIDERED <i>9/6/01</i>
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